

Calendar

Monday, May 16

8:30 a.m. EPP 2010: Elementary Particle Physics in the 21st Century, 1 West

[Meeting agenda](#)

THERE WILL BE NO PARTICLE
ASTROPHYSICS SEMINAR THIS WEEK
THERE WILL BE NO DIRECTOR'S
COFFEE BREAK TODAY
THERE WILL BE NO ALL
EXPERIMENTERS' MEETING THIS
WEEK

Tuesday, May 17

3:30 p.m. DIRECTOR'S COFFEE
BREAK 2nd Flr X-Over
THERE WILL BE NO ACCELERATOR
PHYSICS AND TECHNOLOGY
SEMINAR TODAY

Weather



Partly Cloudy **60°/45°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

EPP 2010 Meeting on Monday

The committee for the National Research Council's decadal study of particle physics, [EPP 2010](#), will hold its third meeting at Fermilab on Monday, May 16. All Fermilab employees and users are invited to attend the open sessions of the meeting. An agenda is [available online](#). Live streaming video will also be available [online](#).

Open House at Soudan



Fritz DeJongh, Fermilab, describes the CDMS experiment to visitors. (Click on image for larger version.)

On May 7, the Soudan Underground Laboratory hosted its 15th annual Open House. More than 500 people came to learn more about the research at the lab half a mile underground. Scientists and technicians had set up six stations at which visitors could learn about the MINOS and the CDMS experiments, the proposed NOvA experiment, and U.S. plans for a Deep Underground Science and Engineering Laboratory (DUSEL). Every 10 minutes, guides took a group of 10 to 12 people underground. One of the highlights of the tour this year was a demonstration with liquid nitrogen and balloons, offered by the CDMS group.

Safety Tip of the Week

Safety feedback

When giving someone feedback about safety performance, it's pretty easy to establish a confrontational style.

For example, one person tells another that they are working unsafely and need to do something about it.

With such an approach, the recipient quickly learns that they can expect safety advice to be an opportunity for criticism. Here are five ways to improve your effectiveness in providing safety feedback.



*Advice is like snow;
the softer it falls,
the longer it dwells
upon, and deeper it
sinks into the mind.*
--Samuel Taylor
Coleridge
(1772-1834).

1. Stress that feedback is necessary. Bad habits come from doing things incorrectly over and over again. Specific behavior-based feedback is an essential ingredient to improve performance.
2. Be positive. Based on a lifetime of experience, most people have come to expect that feedback usually means reprimand. Interactions need to be positive and constructive to set the tone and change those expectations.
3. Use trial-and-success learning. Behavioral scientists have shown that we learn more from focusing on our successes than our failures. It helps us to feel good

Monday, May 16

Potato Au Gratin \$1.90

Monte Cristo \$4.75

Savory Roasted Chicken Quarters \$3.75

Lasagna Bolognese \$3.75

Chicken Ranch Wrapper \$4.75

Assorted Pizza Slices \$2.75

Szechuan Style Pork Lo Mein \$4.75

The Wilson Hall Cafe now accepts Visa, MasterCard, Discover and American Express at Cash Register #1.

[Wilson Hall Cafe Menu](#)

[Chez Leon](#) is now open. Call x4512 to make your reservation.

Search

Search the Fermilab Today Archive

Info

Fermilab Today is online at:

<http://www.fnal.gov/today/>

Send comments and suggestions to

today@fnal.gov

[Fermilab Today archive](#)

[Fermilab Today PDF Version](#)

[Fermilab Result of the Week archive](#)

[Fermilab Safety Tip of the Week archive](#)

[Linear Collider News archive](#)

[Fermilab Today classifieds](#)

[Subscribe/Unsubscribe to Fermilab Today](#)

"Bringing down a new tour every 10 minutes and staying on schedule for almost 9 straight hours was a long, hard day, but it was very rewarding," said lab manager Bill Miller.

--Kurt Riesselmann

Texas in Sights as Nelson Winds Up Dual Lab Career



Charles Nelson stands next to his workbench. (Click on image for larger version.)

Particle Physics Division's Charles Nelson retired last Friday, May 13, after 29 years at Fermilab. He arrived in 1976 to work on E272 as a senior research fellow from the University of Rochester, then was hired by the lab two years later. Just 15 minutes into his first day he created a firestorm. "I had the very sad duty to inform the experiment spokespeople that their electronics would not work," said Nelson, who had found significant flaws in a detector component. "I was under intense pressure from very important physicists," he said. "But everyone worked through the problems."

A physicist by training, Nelson reinvented himself in later years as an electronics engineer. He explained why: "Physicists wanted detectors to do everything, and not being engineers, they would always insist that new electronics be able to do much more than was really necessary. The engineers, not being physicists,

about ourselves and the task at hand.

4. Give public praise. Public feedback should always be more positive than negative. It should be presented in terms of achievement rather than failure.
5. Give feedback first. If people are already motivated to do their best, when is the best time to provide feedback in order to improve? It often makes sense to give individual feedback immediately before the next opportunity to perform the target behavior.

Have a great day and let's work safely all week!

[Safety Tip of the Week Archive](#)

Fitness Theme: Laughter Really Is Best Medicine



Participants register for last year's Employee Health and Fitness Day. (Click on image for larger version.)

All Fermilab employees are encouraged to enjoy Employee Health and Fitness Day, Wednesday, May 18 from 11:30am to 1:00pm on the Tevatron Road. "Be a kid, have fun!" says EHFD coordinator Jean Guyer of the Recreation Office. This year's EHFD theme is "Laughter is the best medicine."

At the registration table, participants will receive yogurt and game tickets for the three hilarious game stations set up on

would then have a hard time understanding what the performance priorities were. I wanted to see both sides."

Nelson's most gratifying project is CDF's Run II calorimeter readout. "It's still working very well," he said, adding that he always had a sense of autonomy at the lab. "I had a lot of responsibility, and I took it very seriously," said Nelson. "I will miss the people at the lab, and wish it the best. Something tells me the future of the lab will be bright."

Nelson will move to Texas to finish building his new home, where he and his wife, Karen, will spend time before he seeks another job. He would like to be an instructor at a community college, or maybe a consultant. "What ever my next job is, my wife insists that I have plenty of time to travel with her," said Nelson.
--Eric Bland

In the News

From *CERN Courier*, May 2005

On 21 March, the UK's science and innovation minister announced the approval and funding of the Muon Ionisation Cooling Experiment, MICE, at the Rutherford Appleton Laboratory (RAL). MICE will use a new, dedicated muon beam line at the laboratory's pulsed neutron and muon source, ISIS.

[read more](#)

From *Kavli Foundation Press Release*, May 11, 2005

Kavli Foundation establishes \$1-million science prizes

The Kavli Foundation will award three \$1-million science prizes in astrophysics,

the Tevatron Road. At each game, participants will compete for prizes like kazoos and whoopee cushions. They will also turn in their game tickets to qualify them for over 240 prizes and incentives, ranging from a barbecue tool set to a heat massager. Participants are not required to complete the entire walk, only as much as they feel comfortable doing. The department with the largest percentage of employees attending will receive a trophy. Business Services won last year, and Lab Services the previous year.

The program is part of a national effort to enhance the overall health and productivity of any organization by getting employees out of the office for exercise. "Fermilab really does care about the health of its employees," said Guyer.

--Eric Bland

Accelerator Update

May 11 - May 13

- During this 48 hour period operations established one store that combined with an existing store provided approximately 28 hours and 39 minutes of luminosity
- Store 4138 sets New Luminosity Record: 126.97E30
- Lightning causes loss of store, stack, and trips many systems
- MiniBooNE horn suffers cooling problem

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

nanoscience and neuroscience every two years beginning in 2008. The prizes will be presented in cooperation with the Norwegian Academy of Science and Letters, the Norwegian Ministry of Education and Research, and the Norwegian Ministry of Foreign Affairs. The prizes will be awarded at a ceremony in Oslo, Norway, Fred Kavli's native country, with the President of the Norwegian Academy presiding. The King of Norway will be invited to make the presentation of the awards.

[More information](#)

New Issue of CERN Courier

The May issue of the CERN Courier is now [available online](#).

Fermilab Arts Series Announces 2005 Summer Season

This summer, the Fermilab Arts Series takes a world tour as they present music and dance from Mexico, Cuba, India, Ireland, Ukraine and back home again to the U.S. The season begins with the folkloric sounds of Mexico and Cuba as performed by Cascada de Flores, a folkloric quartet that brings beautiful vocals, guitar, and a plethora of musical instruments, some familiar and some new. Singer/songwriter Tom Paxton has been a fixture of the folk music scene since the 60's in Greenwich Village. He will be joined by the witty singer/songwriter, Cheryl Wheeler. Tickets are on sale for these and all the other 2005/2006 Arts Series events by calling 630/840.ARTS weekdays from 9 - 4, closed for lunch.

[more information](#)

[Upcoming Activities](#)